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PATENT

ATTORNEY DOCKET: 031855.0092

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Richard William Falla LE PAGE, et al.) Group Art Unit: To Be Assigned
Application Number: 09/769,744) Examiner: To Be Assigned
Filed: January 26, 2001)
For: NUCLEIC ACIDS AND PROTEINS FROM STREPTOCOCCUS PNEUMONIAE)

SUBMISSION OF SEQUENCE LISTING

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the attached U.S. Patent and Trademark Office (PTO) Notice of Missing Requirements mailed November 21, 2001, Applicants submit herewith a corrected computer readable "Sequence Listing" on CD-Rom, stored using MS Windows 200 operating system in a file entitled "P21122US Sequence Listing", occupying 395 KB stored on May 9, 2002

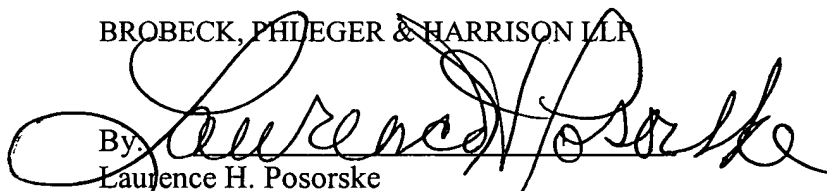
The undersigned certifies his belief that the Sequence Listing information recorded in computer readable form is identical to the written (on compact disc) Sequence Listing submitted herewith.

It is believed that no fees are required for this submission; however, the Commissioner is authorized to charge any fee necessary for entry of this paper to Deposit Account 50-1640.

Respectfully submitted,

BROBECK, PHLEGER & HARRISON LLP

May 14, 2002

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